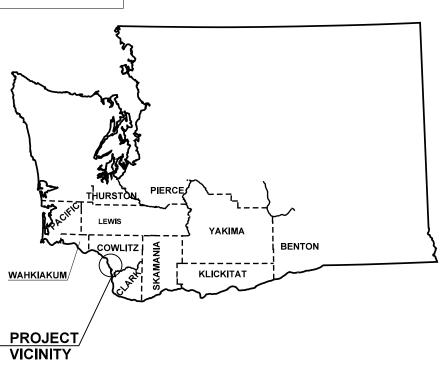
INDEX

SHEET NO.	PLAN REFERENCE NO.	TITLE
1	VM1	INDEX / VICINITY MAP
2	CT1	CERTIFICATION SHEET
3	SQ1	SUMMARY OF QUANTITIES
4-11	BR1-BR8	BRIDGE 433/1 LAYOUT
12	TC1	CONSTRUCTION SIGNS CLASS A
42.44	700 700	TRAFFIC CONTROL PLANS
13-14	TC2-TC3	TRAFFIC CONTROL PLANS
15-17	FC1-FC3	FULL CLOSURE PLANS
13-17	FC1-FC3	FOLL GLOSURE FLANS

PLAN
REFERENCE
NO.
SHEET
OF
SHEETS

NOTE

ALL SHEET REFERENCES, FIRST NOS. OF STRUCTURE CODE DESIGNATIONS AND MATCH LINE SHEET REFERENCES, ETC., THROUGHOUT THE PLANS, REFER TO THE ENTRY IN THE PLAN REFERENCE NUMBER BOX.



T.8N. R.2W. W.M. LONGVIEW	
T.7N. R.2W. W.M. 6 5 BEGIN F.A. NO. STP-0433(012)	
BEGIN PROJECT	
SR 433 WASHINGTON MP 0.25 STA. 30+74	
BRIDGE NO. 433/1 INCLUDED IN PROJECT OR MP 0.26 TO WA MP 0.26	2)
STA. 43+94.00 OREGON MP 0.00 BK.= WASHINGTON MP 0.00 AHD. (433)	
END F.A. NO. STP-0433(012)	
END PROJECT	
SP 433 OPECON MP 0.38	
STA. 64+00	
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STA. 64+00 STA. 64+00 WASHINGTON COLUMBIA COLUMBIA COLUMBIA COLUMBIA COLUMBIA COLUMBIA COLUMBIA COLUMBIA COLUMBIA TO CLATSKANIE TO ST. HELENS 17 MILES	
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FILE NAME	G:\444304\04 - Design\0	2 - Des	sign Projects\D43321B	- SR433 Le	wls and	Clark I	Brldge	Finger Join	ıt Repl	acemen	t\20-CAI	DD-Plans\20-11	PS&E Sheets\X	.6507.dgn
TIME	10:11:21 AM									REGION NO	STATE	FED.AID	PROJ.NO.	1
DATE	10/14/2022									10	WASH			
PLOTTED BY	satakr									10	WASH	NHPP-	0433(012)	
DESIGNED BY	R.SATAK										IUMBER		,	
ENTERED BY	R.SATAK									22X	(338			
CHECKED BY	D. DOUMIT									CONTR	RACT NO.	LOCA	TION NO.	
PROJ. ENGR.	P. REYES									1				
REGIONAL ADM.	C. FRANCIS			REVISION				DATE	BY	1				P.E. STA

Washington State Department of Transportation

SR 433 LEWIS AND CLARK BRIDGE EXPANSION JOINT REPLACEMENT

INDEX / VICINITY MAP

PLAN REF NO
VM1

SHEET
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17
SHEETS

Plot 1

PROJECT LICENSED PROFESSIONAL CERTIFICATES

Pin Ja	Bijan Khaleghi		
Pedro Reyes	Bijan Khaleghi	Nick Rodda	
Oct 25, 2022	Oct 18, 2022	Oct 18, 2022	
AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.	AS A LICENSED PROFESSIONAL IN DIRECT RESPONSIBLE CHARGE OF DEVELOPING THIS CONTRACT, I CERTIFY THAT ALL PLANS THAT CONTAIN MY STAMP HAVE BEEN DEVELOPED UNDER MY SUPERVISION.
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NOTES:

THIS PLAN SET WAS DEVELOPED ELECTRONICALLY UNDER THE DIRECT SUPERVISION OF THE LICENSED PROFESSIONALS THAT HAVE AFFIXED THEIR SIGNATURE TO THIS PAGE.

THIS SHEET SERVES AS THE CERTIFICATION BY THE ABOVE LICENSED PROFESSIONALS OF ALL SHEETS IN THIS PLAN SET WHERE THEIR STAMPS AND SIGNATURES APPEAR.

FILE NAME	G:\444304\04 - Design\02 - Design Projects\D43321B - SR433 Lewis and Clark Brid	lge Finger Joint	Replacement\20-0	ADD-Plans\20-11 PS&E Sheets\X	L6507.dgn				Plot 14
TIME	10:14:29 AM		REGION STAT	FED.AID PROJ.NO.				SR 433	PLAN REF NO
DATE	10/14/2022		10 WAS	ы NHPP-0433(012)					CT1
PLOTTED BY	satakr		10 10	<u>, , , , , , , , , , , , , , , , , , , </u>				LEWIS AND CLARK	
DESIGNED BY	R. SATAK		JOB NUMBER				Washington State	EXPANSION JOINT REPLACEMENT	SHEET
ENTERED BY	R. SATAK		22X338				9	EXI ANOION SOINT INEL EXCEMENT	2
CHECKED BY	D. DOUMIT		CONTRACT NO	LOCATION NO.			Department of Transportation		OF
PROJ. ENGR.	P. REYES				DATE	DATE		CERTIFICATION SHEET	17 SHEETS
REGIONAL ADM	C FRANCIS REVISION	DATE	RY		DE STAMP BOY	DE STAMP POY			SHEETS

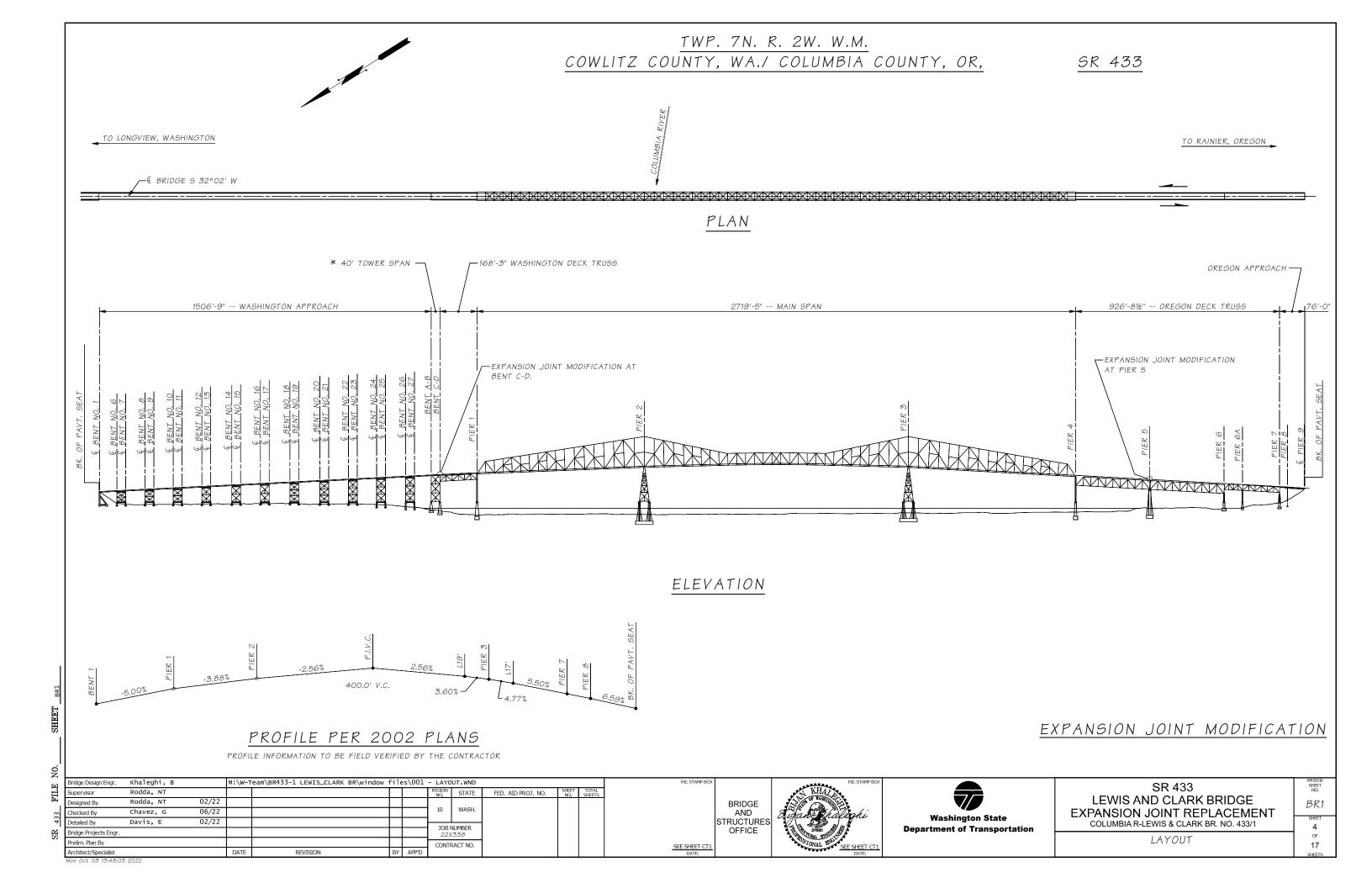
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SUMMARY OF QUANTITIES

		_					1	1				1	1			1			r	
		SUB-TOTAL	SUB-TOTAL				GROUP 1	GROUP 2	GROUP 3											
ITEM	TOTAL	SECTION	SECTION	STD.			WA	OR	THIRD											
NO		I-07.2(1)	I-07.2(2)	ITEM	UNIT	ITEM	SR 433 MP	SR 433 MP	PARTY	1 1				1						.
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		SPECS	SPECS				0.25	0.00												
	i		İ			PREPARATION				1 1										
1	LUMP SUM	LUMP SUM	LUMP SUM	0001	L.S.	MOBILIZATION	L.S.	L.S.	Ì	i i		İ	İ	İ	Ì	İ	İ	i i	i	
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	1		1			STRUCTURE] [1		1		1	1	1	1	1				
2	2.00	1.00	1.00	4219	DOL	DEFICIENT STRENGTH CONC. PRICE ADJUSTMENT	1.00	1.00		1			1	1	1					
3	LUMP SUM		LUMP SUM	4235	L.S.	STRUCTURAL LOW ALLOY STEEL	L.S.	1		1			1	1	1					
4	25.00	1	25.00	4444	L.F.	EXPANSION JOINT MODIFICATION - HDR & FNGR JT REPL BENT C-D	25.00	1		1		1		1	1	1		<u> </u>		
5	25.00	25.00		4444	L.F.	EXPANSION JOINT MODIFICATION - FNGR JT REPL PIER 5][25.00		1		1	1	1		1		<u> </u>		<u>. </u>
	1						11	1		1		1	1	1	1			1		
	1					EROSION CONTROL AND ROADSIDE PLANTING][1	1	1				1		1				
6	14.00	7.00	7.00	6403	DAY	ESC LEAD	7.00	7.00	1	1 1		1	1	1	1	1		<u> </u>		
7	2000.00	1000.00	1000.00	6490	DOL	EROSION/WATER POLLUTION CONTROL	1,000.00	1,000.00	1	1 1		1	1	1	1	1		1		
I] [1			1						l	
	1		1			TRAFFIC] [1		1 1			1	1						
8	LUMP SUM	LUMP SUM	LUMP SUM	6971	L.S.	PROJECT TEMPORARY TRAFFIC CONTROL	L.S.	L.S.		1 1		1	1	1	1	1		1		
	1		1] [1		1		1	1	1	1	1				
						OTHER ITEMS] [1		1			1	1						
9	5000.00	2500.00	2500.00	7480	DOL	ROADSIDE CLEANUP	2,500.00	2,500.00		1			1	1	1					
10	10000.00	5000.00	5000.00	7715	DOL	FORCE ACCOUNT MINOR BRIDGE REPAIR	5,000.00	5,000.00		1			1	1	1					
11	5.00		5.00	7725	DOL	REIMBURSEMENT FOR THIRD PARTY DAMAGE	J L	1	5.00	1 1			1	1	1					
12	-1.00		-1.00	7728	DOL	MINOR CHANGE	-1.00	1		1			1	1						
13	2.00	1.00	1.00	7732	DOL	AGGREGATE COMPLIANCE PRICE ADJUSTMENT	1.00	1.00		1 1				1		1		<u> </u>		
14	LUMP SUM	LUMP SUM	LUMP SUM	7736		SPCC PLAN	L.S.	L.S.		1 1				1	1			<u> </u>	l	
15	LUMP SUM	LUMP SUM	LUMP SUM		L.S.	EMERGENCY SERVICES ACCESS	L.S.	L.S.		1				1	1			1	l	
16	LUMP SUM	LUMP SUM	LUMP SUM		L.S.	STEEL PLATES	L.S.	L.S.		1				1	1				l	
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GROUP	GROUP NUMBER	SR	CONTROL SECTION	TAX SCHEDULE	FUND PARTICIPANTS
EGEND	1	433	080605	**	FEDERAL, STATE, OREGON AGREEMENT
	2	433	0700NT	*	FEDERAL, STATE, OREGON AGREEMENT
	3	433	080605	**	STATE

		REGION	STATE	FEDERAL AID PROJECT. NO.		OD 400	SQ1
			WA	NHPP-0433(012)		SR 433	ઉંદ્યા
					Washington State	LEWIS AND CLARK BRIDGE	SHEET
			IUMBER		Department of Transportation	EXPANSION JOINT REPLACEMENT	3
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			RACT NO			SUMMARY OF QUANTITIES	17
DATE	REVISION B	3Y 00	0000				SHEETS



GENERAL NOTES

- 1. ALL MATERIAL AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS OF THE WASHINGTON STATE
 DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROAD, BRIDGE, AND MUNICIPAL CONSTRUCTION DATED 2023.
- 2. THE REMOVAL AND REPLACEMENT PORTIONS OF THIS STRUCTURE HAS BEEN DESIGNED IN ACCORDANCE WITH THE REQUIREMENTS OF THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS 9TH EDITION 2020.
- 3. ALL CAST-IN-PLACE CONCRETE SHALL BE CLASS 4000.

WORK ZONE

-SHOULDER PC

(TO REMAIN)

TEMP. STEEL P.

- 4. UNLESS OTHERWISE SHOWN IN THE PLANS, CONCRETE COVER MEASURED FROM THE FACE OF CONCRETE TO THE FACE OF ANY REINFORCING STEEL SHALL BE 2¼" AT THE TOP OF THE BRIDGE DECK, 1" AT THE BOTTOM OF THE BRIDGE DECK AND 1½" AT ALL OTHER LOCATIONS
- 5. FALSEWORK SHALL BE CAREFULLY RELEASED TO PREVENT IMPACT OR UNDUE STRESS IN THE STRUCTURE.
- 6. ALL DIMENSIONS ARE HORIZONTAL AND VERTICAL UNLESS OTHERWISE SHOWN. EXISTING FEATURES AND DIMENSIONS ARE BASED ON INSPECTION REPORTS, SITE VISITS AND AS-BUILT PLANS. ALL DIMENSIONS NOTED WITH AN ASTERISK (*) SHALL BE FIELD MEASURED BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH CONSTRUCTION.
- 7. UNLESS DIRECTED OTHERWISE BY THE ENGINEER, CONCRETE HEADER REMOVAL WORK SHALL NOT PROCEED UNTIL NEW BULKHEAD AND FINGER JOINT PANEL ASSEMBLIES ARE ON SITE AND AVAILABLE FOR INSTALLATION.

STRUCTURAL STEEL NOTES

- 1. ALL STRUCTURAL STEEL SHALL BE STRUCTURAL LOW ALLOY STEEL IN ACCORDANCE WITH AASHTO M270 GRADE 50
 OR ASTM A572 GRADE 50. ASTM A572 GRADE 50 STEEL SHALL MEET THE CVN REQUIREMENTS FOR AASHTO M270.
- 2. FINGER JOINT PANELS SHALL BE MACHINED FROM STRUCTURAL LOW ALLOY STEEL AND SHALL BE GALVANIZED AFTER FABRICATION.
- 3. UNLESS NOTED OTHERWISE, ALL BOLTS SHALL BE ASTM F3125 GRADE A325 TYPE 1 HIGH STRENGTH BOLTS WITH BOLT HEADS TOWARD THE OUTSIDE AND UNDERSIDE OF THE BRIDGE. ALL BOLTS SHALL BE 1/8" Ø UNLESS SHOWN OTHERWISE IN THE PLANS. NUTS AND WASHERS SHALL CONFORM TO SECTION 9-06.5(3). ALL BOLTS AND HARDWARE SHALL BE HOT DIP GALVANIZED. TENSION CONTROL FASTENERS ARE NOT PERMITTED. ALL BOLT HOLES SHALL BE THE BOLT DIAMETER PLUS 1/16", UNLESS CALLED OUT OTHERWISE.
- 4. ALL WELDING SHALL BE DONE TO MINIMIZE DISTORTION. THE WELDING SEQUENCES AND PROCEDURES TO BE USED SHALL BE SUBMITTED TO THE ENGINEER PRIOR TO THE START OF WELDING.
- 5. GALVANIZING SHALL BE IN ACCORDANCE WITH ASTM F2329, AASHTO M111, OR AASHTO M232 AS APPLICABLE.
- 6. EXCEPT FOR THE FINGER JOINT PANELS, ALL STRUCTURAL STEEL SHALL BE PAINTED IN ACCORDANCE WITH SECTION 6-07. PRIOR TO PAINTING OVER GALVANIZED BOLTS, SURFACE PREPARATION AND ADHESION TESTING SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 6-07.3(11)A.

SUGGESTED CONSTRUCTION SEQUENCE

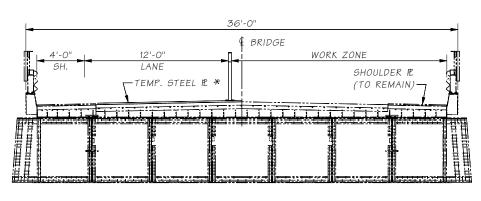
THIS SUGGESTED CONSTRUCTION SEQUENCE SHOULD BE CONSIDERED FOR INFORMATION ONLY AND IS NOT INTENDED TO SHOW EVERY STAGE THE CONTRACTOR MAY NEED TO COMPLETE THE PROJECT. WHERE NEEDED, THE CONTRACTOR SHALL DEVISE THEIR OWN CONSTRUCTION SEQUENCE OR MODIFY THIS ONE TO COMPLETE THE WORK.

STAGE 1

- 1. SETUP TRAFFIC CONTROL AND RESTRICT TRAFFIC TO ONE ALTERNATING LANE
- 2. UNBOLT AND REMOVE FINGER JOINT ASSEMBLIES WITHIN THE WORK ZONE
- 3. PARTIALLY REMOVE CONCRETE HEADERS TO THE LIMITS SHOWN IN THE PLANS
- 4. REMOVE AND RECONSTRUCT STEEL BULKHEAD AS SHOWN IN THE PLANS
- 5. PLACE ROADWAY PLATE OVER JOINT OPENING AND RECONFIGURE TRAFFIC FOR STAGE 2

STAGE 2

- 1. UNBOLT AND REMOVE FINGER JOINT ASSEMBLIES WITHIN THE WORK ZONE
- 2. PARTIALLY REMOVE CONCRETE HEADERS TO THE LIMITS SHOWN IN THE PLANS
- 3. REMOVE AND RECONSTRUCT STEEL BULKHEAD AS SHOWN IN THE PLANS
- 4. CLOSE BRIDGE TO ALL TRAFFIC AND REMOVE TEMPORARY ROADWAY PLATE
- 5. PLACE CONCRETE HEADER USING CLASS 4000 CONCRETE
- 6. CURE CONCRETE IN ACCORDANCE WITH 6-02.3(11) FOR ALL OTHER CONCRETE SURFACES
- 7. INSTALL NEW FINGER JOINT ASSEMBLIES AT BENT C-D
- 8. REMOVE TRAFFIC CONTROL AND OPEN ALL LANES TO TRAFFIC



STAGE 2

* TEMPORAR	RY STEEL PLATE SHALL BE I	DESIGNED FOR HL-93 LOA	NDING WITH A DEFLECTION LIMIT OF
L/300 AND	O SHALL BE CAPABLE OF AC	CCOMMODATING A TOTAL	MOVEMENT RANGE OF 10 INCHES.
PLATE DET	TAILS SHALL BE SUBMITTED	TO THE ENGINEER AS A	TYPE 2E WORKING DRAWING

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a	Bridge Design Engr.	Khaleghi, B		M:\W-T	eam\BR433-1 LEWIS_CLARK BR\window	file	s\002	- GENE	RAL NOTE	S.wnd			_
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4	Detailed By	Davis, E	02/22					TODA	II IMPED				
4	Bridge Projects Engr.								NUMBER 338				
2	Prelim. Plan By							CONTR	RACT NO.				
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BRIDGE

STAGE 1



BRIDGE AND STRUCTURES OFFICE

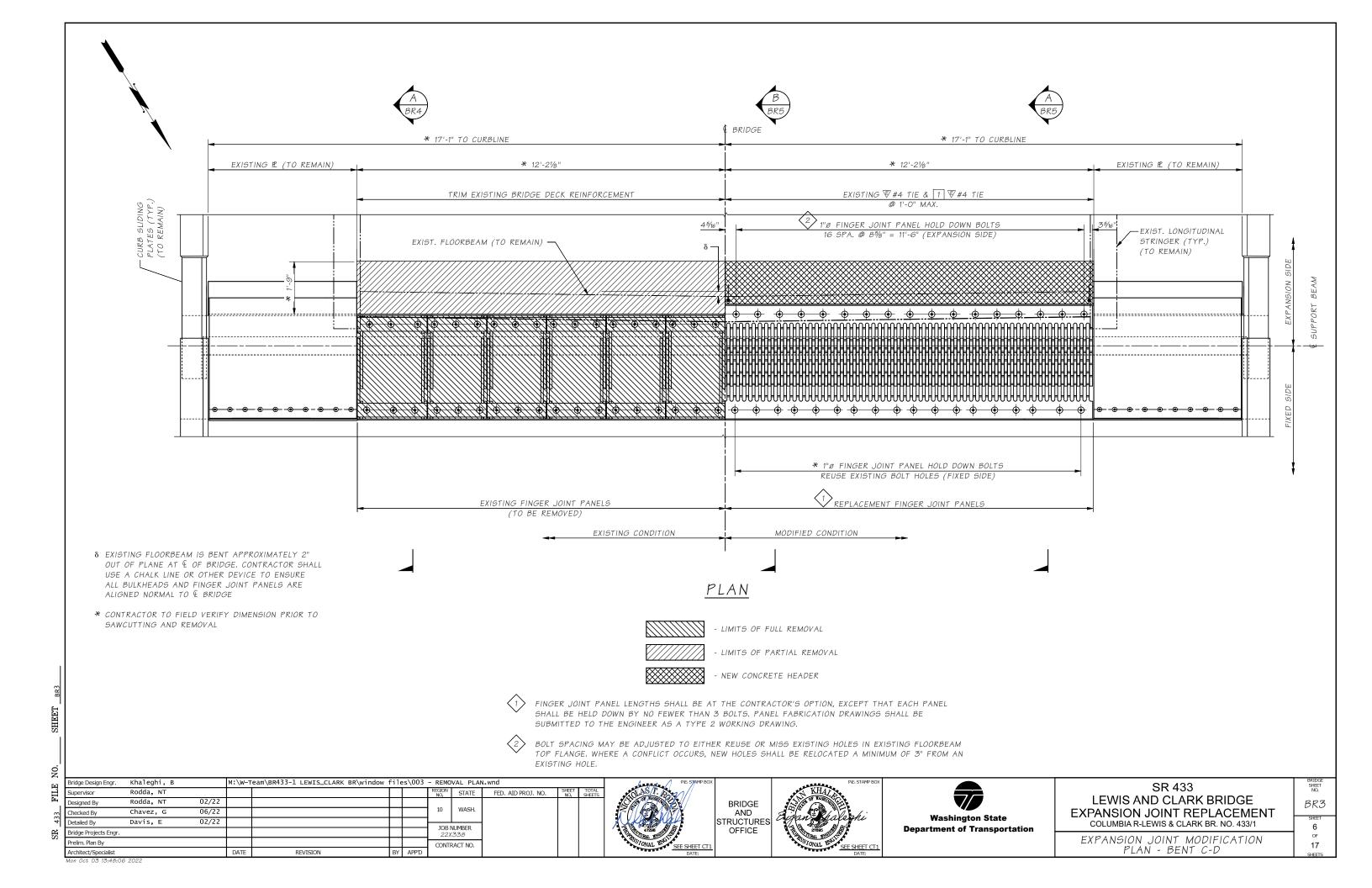


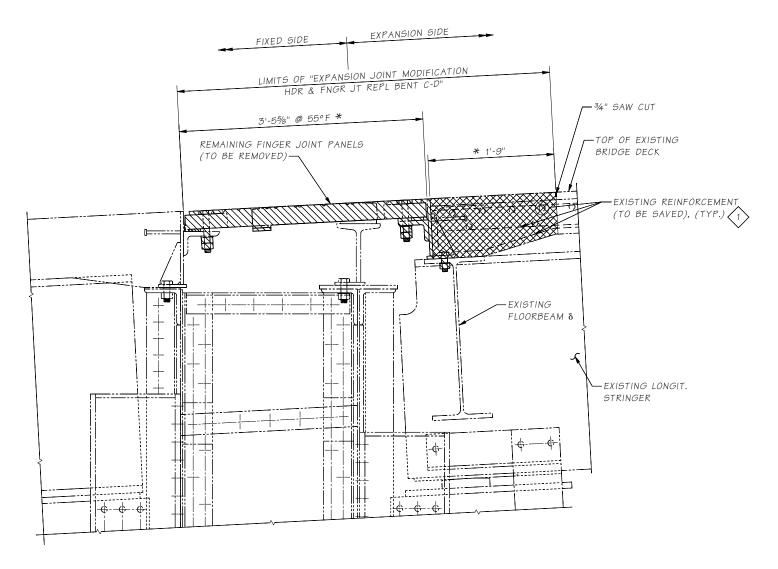
SR 433
LEWIS AND CLARK BRIDGE
EXPANSION JOINT REPLACEMENT
COLUMBIA R-LEWIS & CLARK BR. NO. 433/1

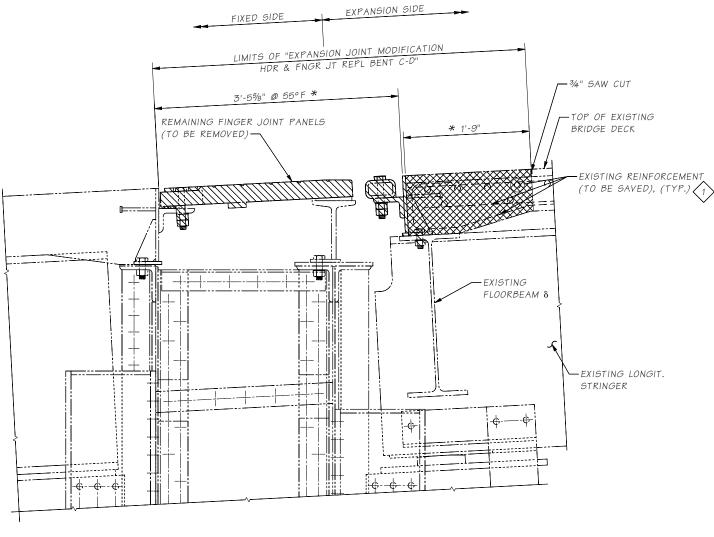
GENERAL NOTES

5 0F 17

SR 433_ FILE NO._____







SECTION A
WEST SIDE BR3

- LIMITS OF FULL REMOVAL



- LIMITS OF PARTIAL REMOVAL

- δ EXISTING FLOORBEAM IS BENT APPROXIMATELY 2" OUT OF PLANE AT $\ensuremath{\mathbb{Q}}$ OF BRIDGE.
- * CONTRACTOR TO FIELD VERIFY DIMENSIONS PRIOR TO SAWCUTTING AND REMOVAL
- CONCRETE DEMOLITION SHALL BE PERFORMED IN ACCORDANCE WITH SECTION 2-02.3(2)A2

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BRIDGE AND STRUCTURES OFFICE



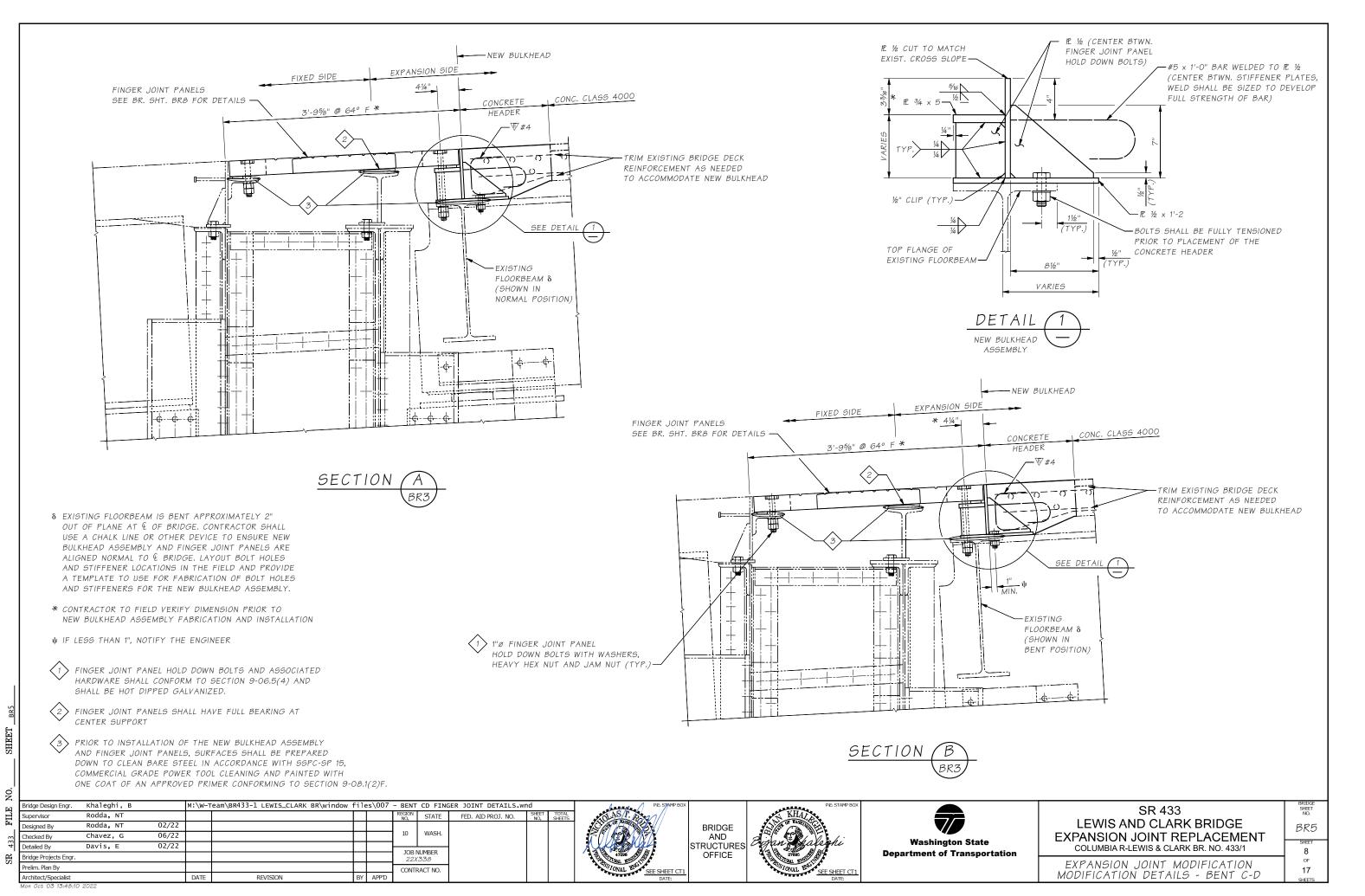
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Washington State
Department of Transportation

SR 433	Γ
LEWIS AND CLARK BRIDGE	
EXPANSION JOINT REPLACEMENT COLUMBIA R-LEWIS & CLARK BR. NO. 433/1	
EXPANSION JOINT MODIFICATION REMOVAL DETAILS - BENT C-D	

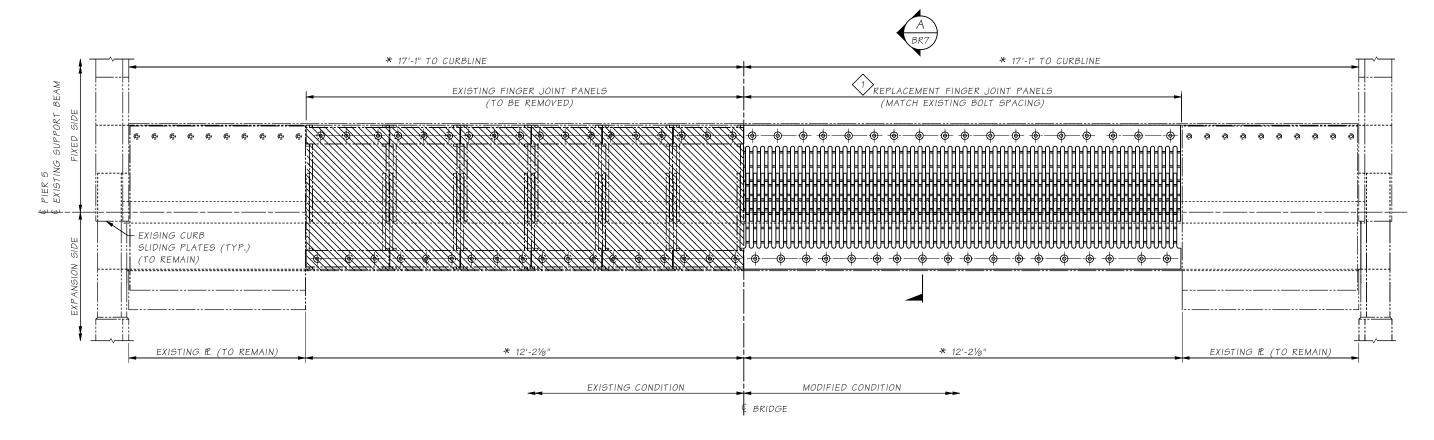
BR4

SR 433 FILE NO.

Mon Oct 03 13:48:08 2022







* CONTRACTOR TO FIELD VERIFY DIMENSION PRIOR TO FINGER JOINT PANEL FABRICATION

PLAN

- LIMITS OF REMOVAL

FINGER JOINT PANEL LENGTHS SHALL BE AT THE CONTRACTOR'S OPTION, EXCEPT THAT EACH PANEL SHALL BE HELD DOWN BY NO FEWER THAN 3 BOLTS. PANEL FABRICATION DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER AS A TYPE 2 WORKING DRAWING.

Ζ.													
-1	Bridge Design Engr.	Khaleghi, B		M:\W-T	eam\BR433-1 LEWIS_CLARK BR\wind	ow fil	es\005	-REMOV	'AL PLAN.	wnd			
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BRIDGE AND STRUCTURES OFFICE

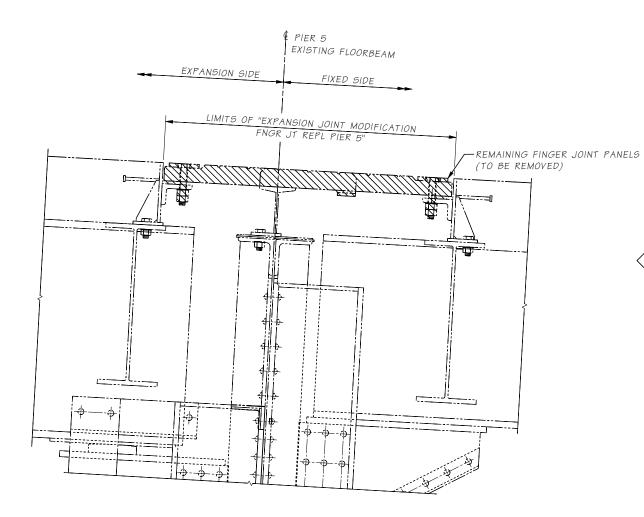


SR 433
LEWIS AND CLARK BRIDGE
EXPANSION JOINT REPLACEMENT
COLUMBIA R-LEWIS & CLARK BR. NO. 433/1

EXPANSION JOINT MODIFICATION PLAN - PIER 5

Mon Oct 03 13:48:12 2022

BR6



PIER 5
EXISTING FLOORBEAM

EXPANSION SIDE

FIXED SIDE

FOR FINGER JOINT PANEL DETAILS
SEE BR. SHEET BRO

TO FINGER JOINT PANEL
HOLD DOWN BOLTS WITH WASHERS,
HEAVY HEX NUT AND JAM NUT (TYP.)

SECTION A
EXISTING CONDITION BR6

- LIMITS OF REMOVAL

SECTION A
MODIFIED CONDITION BR6

* CONTRACTOR TO FIELD VERIFY DIMENSION PRIOR TO FINGER JOINT PANEL REMOVAL AND FABRICATION fINGER JOINT PANEL HOLD DOWN BOLTS AND ASSOCIATED HARDWARE SHALL CONFORM TO SECTION 9-06.5(4) AND SHALL BE HOT DIPPED GALVANIZED.

2) FINGER JOINT PANELS SHALL HAVE FULL BEARING AT CENTER SUPPORT

PRIOR TO INSTALLATION OF THE NEW BULKHEAD ASSEMBLY
AND FINGER JOINT PANELS, SURFACES SHALL BE PREPARED
DOWN TO CLEAN BARE STEEL IN ACCORDANCE WITH SSPC-SP 15,
COMMERCIAL GRADE POWER TOOL CLEANING AND PAINTED WITH
ONE COAT OF AN APPROVED PRIMER CONFORMING TO SECTION 9-08.1(2)F.

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,	Bridge Design Engr.	Khaleghi, B		M:∖W-T	eam\BR433-1 LEWIS_CLARK BR\window	file	es\006	- REMO	VAL DETA	AILS.wnd			
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	Architect/Specialist			DATE	REVISION	BY	APP'D						







SR 433
LEWIS AND CLARK BRIDGE
EXPANSION JOINT REPLACEMENT
COLUMBIA R-LEWIS & CLARK BR. NO. 433/1

SHEET NO.

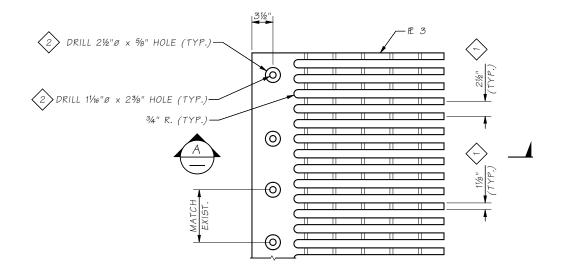
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EXPANSION JOINT MODIFICATION DETAILS - PIER 5

SR 433 FILE NO.

Mon Oct 03 13:48:14 2022



PLAN FIXED SIDE

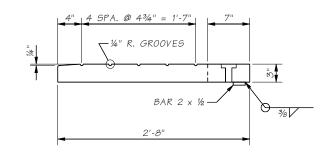
4 SPA. @ 434" = 1'-7" | 4"

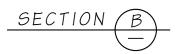
PANELS SHALL BE INSTALLED AND ALIGNED SUCH THAT THE GAP BETWEEN ADJACENT FINGERS IS 1%" \pm 1%2".

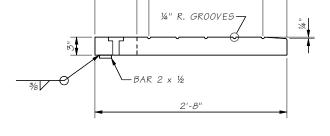
HOLES SHALL BE SHOP DRILLED PRIOR TO GALVANIZING.

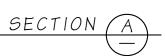
BOLT SPACING MAY BE ADJUSTED TO EITHER REUSE OR MISS EXISTING HOLES IN EXISTING FLOORBEAM TOP FLANGE. WHERE A CONFLICT OCCURS, NEW HOLES SHALL BE RELOCATED A MINIMUM OF 3" FROM EXISTING HOLE.

−34" R. (TYP.) 0 −DRILL 2½"ø × %" HOLE (TYP.) <2> 0 —DRILL 11/16"Ø × 23/8" HOLE (TYP.) <2> \odot PLAN EXPANSION SIDE









NOTE: ALL FINGER JOINT PANEL FEATURES AND DIMENSIONS SHOWN ON THIS SHEET ARE BASED ON AS-BUILT PLANS. ALL DIMENSIONS SHOWN ON THIS SHEET ARE TO BE FIELD VERIFIED PRIOR TO ORDERING MATERIALS AND PROCEEDING WITH FABRICATION. PANEL FABRICATION DRAWINGS SHALL BE SUBMITTED TO THE ENGINEER AS A TYPE 2 WORKING DRAWING.

-													
3	Bridge Design Engr.	Khaleghi, B	ghi, B		:\W-Team\Br433-1 LEWIS_CLARK BR\window files\012 - FINGER JOINT PANELS.WND								
3	Supervisor	Rodda, NT						REGION NO.	STATE	FED. AID PROJ. NO.	SHEET NO.	TOTAL SHEETS	
٠.	Designed By	Rodda, NT	02/22										ي ا
2	Checked By	Chavez, G	06/22					10	WASH.				1
4	Detailed By	Davis, E	02/22					TOD	NI IMPED				/
4	Bridge Projects Engr.								NUMBER (338				′
2	Prelim. Plan By	•	•					CONTI	RACT NO.				
	Architect/Specialist			DATE	REVISION	BY	APP'D]					



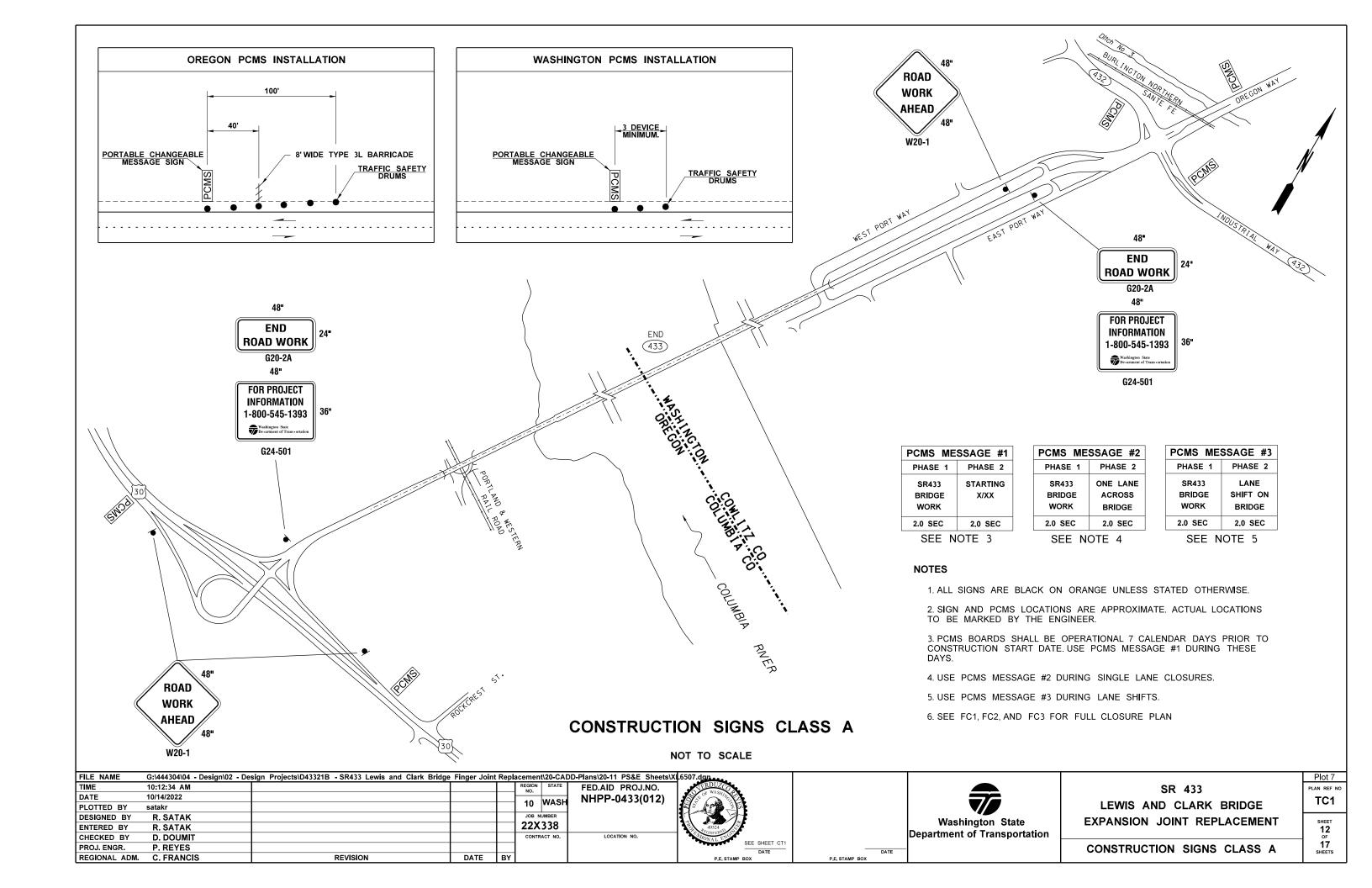


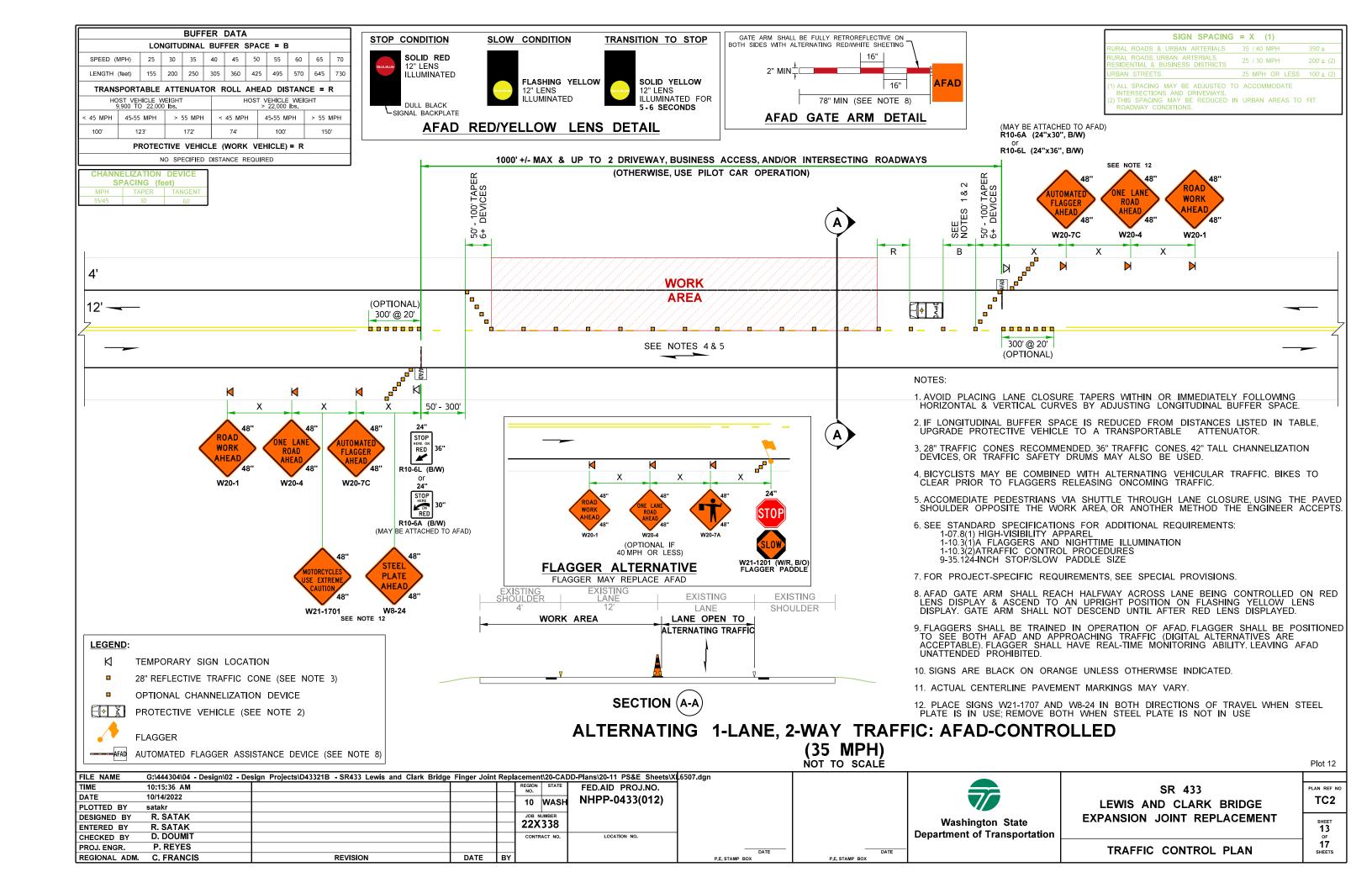
SR 433	
LEWIS AND CLARK BRIDGE	
EXPANSION JOINT REPLACEME	NT
COLUMBIA R-LEWIS & CLARK BR. NO. 433/1	

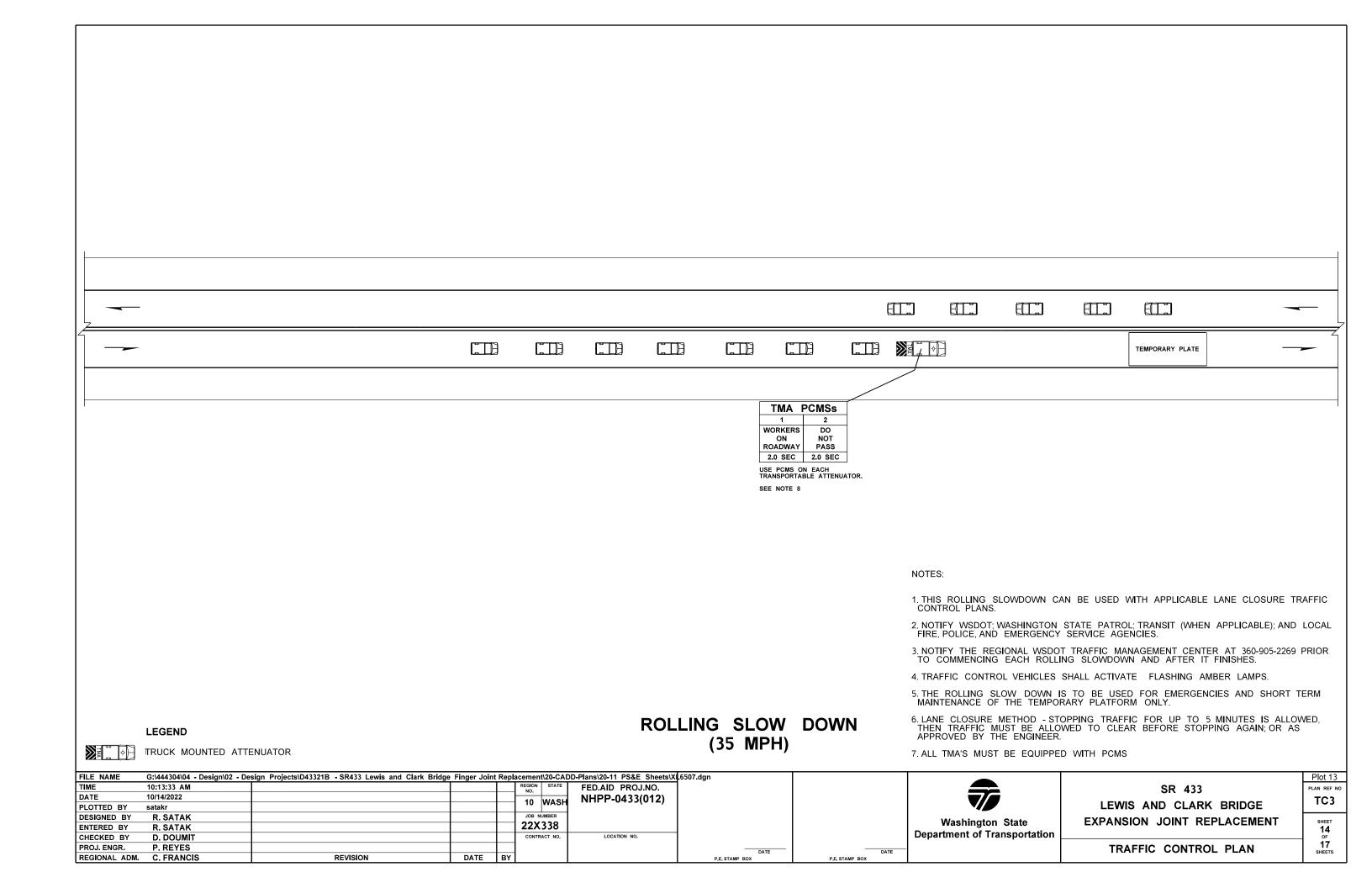
FINGER JOINT PANEL DETAILS

Mon Oct 03 13:48:15 2022

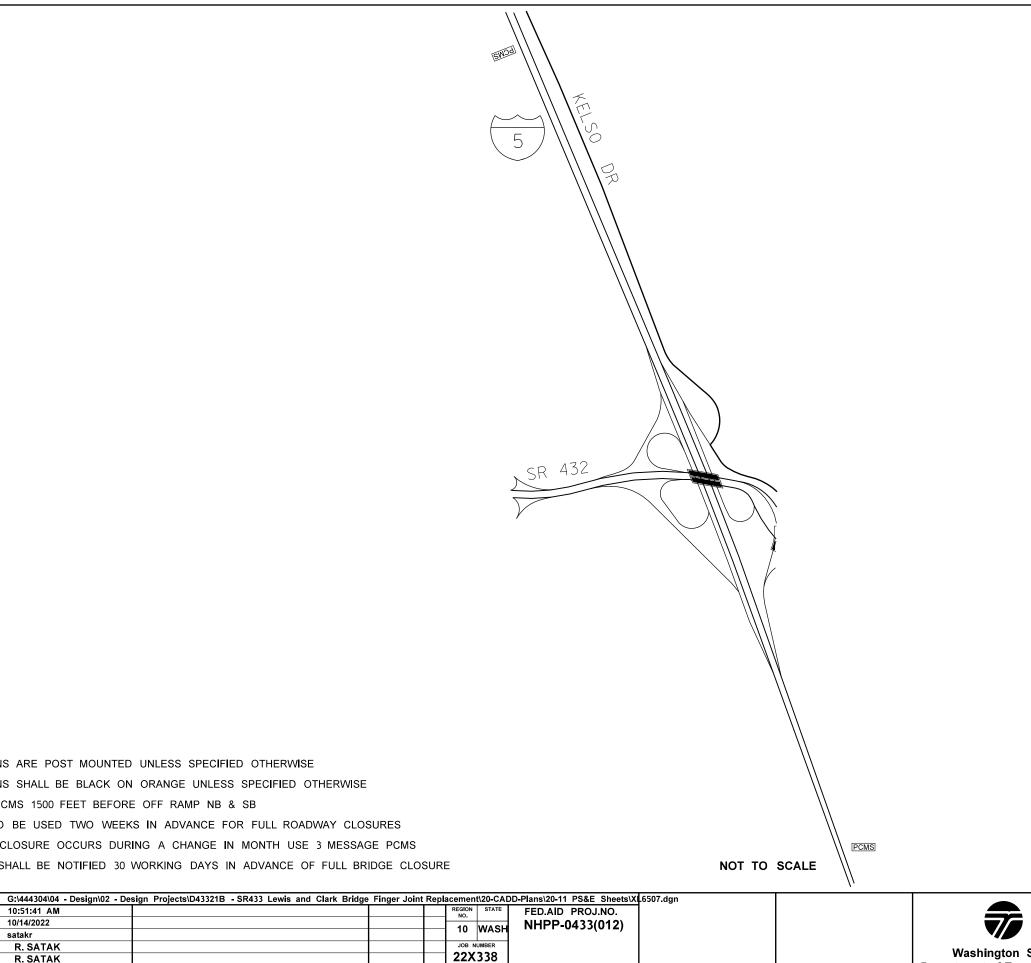
BRIDGE SHEET NO. BR8 11 17







PCMS	PCMS	CHANNELIZATION DEVICE			
1 2 SR 433 USE ALT	1 2 3 SR 433 XX/XX USE ALT	SPACING (feet) MPH TAPER TANGENT			401
CLOSED ROUTE	CLOSED TO ROUTE	35/45 30 60			ROAD 48"
2.0 SEC 2.0 SEC	1.5 SEC 1.5 SEC 1.5 SEC	LECEND		48"	WORK
PCMS LOCATION TO BE STAKED BY	STRATEGICALLY FIELD LOCATE NEAR FUTURE TRAFFIC HOLD	<u>LEGEND</u>	EMOST /	LANE ENDS	AHEAD
ENGINEER	FOR 7 DAYS MINIMIUM.	■ TALL CHANNELIZING DEVICE		MERGE	48"
LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.	DESIREABLE TO PLACE JUST OUT OF TOWN OR NEAR ALTERNATIVE ROUTE SO MOTORISTS CAN			LEFT LANE RIGHT	yv20-1
SEE NOTE 5	AVOID WORK ZONE.	PCMS PORTABLE MESSAGE BOARD		MUST WUST	
	SEE NOTE 5	□ SIGN ICON		TURN LEFT W9-2R	
			\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	R3-7/	
			100%		
				\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
			(733)	3504	WAY WAY
				NOD.	CON
				S 7/1 350 x1	ORE
		408	48"	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
		48"	ROAD 30"		
NOTES:		ROAD 3	O. CLOSED		
1. ALL SIGNS ARE PO	OST MOUNTED UNLESS SPECIFIED C	OTHERWISE CLOSED C	R11-2		
2. ALL SIGNS SHALL	BE BLACK ON ORANGE UNLESS SP	ECIFIED OTHERWISE R11-2 B/W	B/W MOUNTED ON TYPE III BARRICADE		
3. PCMS TO BE USE	D TWO WEEKS IN ADVANCE FOR F		III		
4. TYPE III BARRICADE	ES SHALL BE INSTALLED PER WSDC		* * * * *	Tital	/
5. IF FULL CLOSURE	OCCURS DURING A CHANGE IN MC	ONTH USE 3 MESSAGE PCMS			A/r
6. WSDOT SHALL BE	NOTIFIED 30 WORKING DAYS IN AD	VANCE OF FULL BRIDGE CLOSURE			I
	WEST POR			345 ₄₁	
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CO!!	POR	T WAY POT	Κ',	345.47	AL
60"	WES	11/ /// / EAS\			WAY
ROAD CLOSED 1/3 MILES AHEAD	30"			Y	
LOCAL TRAFFIC ONLY					(833)
R11-3 (B/W)					
MOUNTED ON TYPE III BARRICADE					
BARRICADE					
		(
/.					
			NOT TO SCALE		
(1				
ILE NAME G:\444304\04	- Design\02 - Design Projects\D43321B - SR433	B Lewis and Clark Bridge Finger Joint Replacement\20-CADD-Plans\20-1	1 PS&E Sheets\X 6507.dgn		Plot
ME 10:50:57 AM ATE 10/14/2022		REGION NO. STATE FED.AID	PROJ.NO.		SR 433
LOTTED BY satakr			0433(012)		LEWIS AND CLARK BRIDGE FC
ESIGNED BY R. SATAK INTERED BY R. SATAK		JOB NUMBER 22X338		Washington State	EXPANSION JOINT REPLACEMENT 15 or
CHECKED BY D. DOUMI	Т		ATION NO.	Department of Transportation	I 47
PROJ. ENGR. P. REYES REGIONAL ADM. C. FRANC		DN DATE BY	DATE P.E. STAMP BOX	DATE P.E. STAMP BOX	FULL CLOSURE PLAN
	I ILVION		I,E,STAME BOX		1



DATE

LOCATION NO.

DATE BY

	PCMS	
1	2	3
SR 433 CLOSED	XX/XX TO XX/XX	USE ALT ROUTE
1.5 SEC	1.5 SEC	1.5 SEC

SR 433 USE ALT CLOSED ROUTE *DATES* 2.0 SEC 2.0 SEC

PCMS

STRATEGICALLY FIELD LOCATE NEAR FUTURE TRAFFIC HOLD FOR 7 DAYS MINIMIUM.

DESIREABLE TO PLACE JUST OUT OF TOWN OR NEAR ALTERNATIVE ROUTE SO MOTORISTS CAN AVOID WORK ZONE.

PCMS LOCATION TO BE STAKED BY ENGINEER LOCATE PCMS PER WSDOT STANDARD SPEC. 1-10.3(3)C.

LEGEND

PCMS PORTABLE MESSAGE BOARD



FILE NAME

PLOTTED BY

DESIGNED BY

ENTERED BY

CHECKED BY

PROJ. ENGR.

10/14/2022

R. SATAK

R. SATAK

D. DOUMIT

P. REYES

satakr

REGIONAL ADM. C. FRANCIS

TIME

DATE

- 1. ALL SIGNS ARE POST MOUNTED UNLESS SPECIFIED OTHERWISE
- 2. ALL SIGNS SHALL BE BLACK ON ORANGE UNLESS SPECIFIED OTHERWISE
- 3. PLACE PCMS 1500 FEET BEFORE OFF RAMP NB & SB
- 4. PCMS TO BE USED TWO WEEKS IN ADVANCE FOR FULL ROADWAY CLOSURES
- 5. IF FULL CLOSURE OCCURS DURING A CHANGE IN MONTH USE 3 MESSAGE PCMS
- 6. WSDOT SHALL BE NOTIFIED 30 WORKING DAYS IN ADVANCE OF FULL BRIDGE CLOSURE

REVISION

Washington	

DATE

Department of Transportation

SR 433 LEWIS AND CLARK BRIDGE **EXPANSION JOINT REPLACEMENT**

FULL CLOSURE PLAN

PLAN REF NO FC2 16 17 SHEETS

Plot 16

